

CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 01/12/99

AGENDA ITEM 3

WORK SESSION ITEM

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Seismic Retrofit of the Winton Avenue Overpass and the Orchard Avenue Underpass: Approval of Addendum 1 and 2, and Award of Contract

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution that:

1. Approves Addenda 1 and 2, which extended the advertisement period and provided minor modifications to the plans and specifications; and
2. Awards the contract to RGW Construction, Inc. in the amount of \$568,940.52.

BACKGROUND:

On October 20, 1998, the City Council approved plans and specifications for the subject project and called for bids to be received on November 24, 1998. Addendum No. 1 revised the bid opening date to December 15, 1998. Addendum No. 2 made minor modifications to the plans and specifications for clarification on the traffic control, the existing conditions at the bridge columns, and the railroad insurance. It also provided revised federal wage rates to be used for this contract. Copies of the addenda are available for review in the office of the City Clerk. The retrofit work, in general, consists of installing steel casings around the existing columns and installing cable restrainers at Winton Avenue Overpass, and installing reinforced concrete casings around the existing columns at Orchard Avenue Underpass.

Bids were opened on December 15, 1998. Seventeen bids were received. The low bid was submitted by RGW Construction, Inc., in the amount of \$568,940.52. The low bid is \$81,059, or 14 percent, below the Engineer's Estimate of \$650,000. The second low bid was submitted by Bugler Construction in the amount of \$573,994.98, which is 13 percent below the Engineer's Estimate and \$5,054 more than the low bid. The bids ranged from \$568,940 to \$744,958.

The combined Disadvantaged Business Enterprise (DBE) and Women Business Enterprise (WBE) goal established for this federally funded project was 3 percent and was based on staff's determination of the limited subcontracting opportunities due to the specialized nature of the work. RGW Construction's bid includes a claim of 8.5 percent DBE participation, which represents about 45 percent of the total subcontracted work. Staff recommends that the City award the contract to RGW Construction, Inc.

PROJECT COST:

The estimated costs for the project are as follows:

Construction Cost	\$568,940
Design and Administration	40,000
Construction Inspection	<u>85,000</u>
Total Estimated Cost	\$693,940

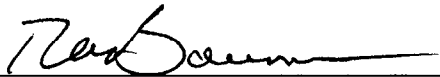
FUNDING:

A total of \$975,000 has been approved in the 1998/1999 Capital Improvement Program budget for this project. These costs are 100 percent reimbursable from federal and state seismic bridge programs.

SCHEDULE:

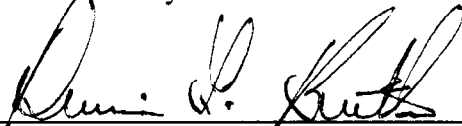
Award Contract	January 12, 1999
Begin Work	February 16, 1999
Complete Work	September 3, 1999

Prepared by:



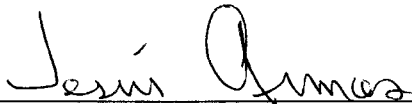
Robert A. Bauman, Deputy Director of Public Works

Recommended by:



Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachments: Exhibit A: Summary of Bids

CITY OF HAYWARD

BRIDGE SEISMIC RETROFIT-WINTON AVENUE OVERHEAD, ORCHARD AVENUE UNDERPASS

PROJECT NO. 5175

BIDS OPENED: TUESDAY, DECEMBER 15, 1998

(NUMBER OF BIDS RECEIVED - 17)

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Exhibit A

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BID SUMMARY			ENGINEER'S ESTIMATE		RGW CONSTRUCTION INC 43801 OSGOOD ROAD FREMONT CA 94539 (510) 490-1070		BUGLER CONSTRUCTION 47000 WARM SPRINGS BLVD. #101 FREMONT CA 94539 (510) 623-0881		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	75,000.00	75,000.00	56,700.00	56,700.00	50,000.00	50,000.00
2	1	LS	CONSTRUCTION AREA SIGNS	5,000.00	5,000.00	3,400.00	3,400.00	2,100.00	2,100.00
3	1	LS	TRAFFIC CONTROL	25,000.00	25,000.00	11,000.00	11,000.00	43,680.00	43,680.00
4	8	EA	ACCESS OPENING, SOFFIT	600.00	4,800.00	800.00	6,400.00	1,600.00	12,800.00
5	1	LS	BRIDGE REMOVAL (PORTION)	300.00	300.00	20,000.00	20,000.00	1,500.00	1,500.00
6	70	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	3,500.00	330.00	23,100.00	102.00	7,140.00
7	47	CY	STRUCTURE BACKFILL (BRIDGE)	45.00	2,115.00	200.00	9,400.00	70.00	3,290.00
8	77	CY	STRUCTURE CONCRETE (BRIDGE)	320.00	24,640.00	620.00	47,740.00	520.00	40,040.00
9	8	EA	DIAPHRAGM BOLSTER	1,600.00	12,800.00	1,350.00	10,800.00	2,600.00	20,800.00
10	760	LF	DRILL AND BOND DOWEL	15.00	11,400.00	11.00	8,360.00	15.00	11,400.00
11	936	LF	CORE AND PRESSURE GROUT DOWEL	38.00	35,568.00	23.00	21,528.00	26.00	24,336.00
12	122	LF	CORE CONCRETE (6")	100.00	12,200.00	82.00	10,004.00	120.00	14,640.00
13	17,791	LB	BAR REINFORCING STEEL (BRIDGE)	0.50	8,895.50	1.00	17,791.00	1.30	23,128.30
14	824	SF	ASPHALT MEMBRANE WATERPROOFING	4.00	3,296.00	3.00	2,472.00	5.00	4,120.00
15	181,092	LB	COLUMN CASING	2.00	362,184.00	1.31	237,230.52	1.29	233,608.68
16	1,603	LB	MISCELLANEOUS METAL (RESTRAINER-CABLE TYP	3.00	4,809.00	5.00	8,015.00	4.00	6,412.00
17	1	LS	RAILROAD INSPECTION AND FLAGGING SERVICES	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
18	1	LS	ADMINISTRATIVE CHANGE ORDER	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
			TOTAL BID		666,507.50		568,940.52		573,994.98

CITY OF HAYWARD

BRIDGE SEISMIC RETROFIT-WINTON AVENUE OVERHEAD, ORCHARD AVENUE UNDERPASS

PROJECT NO. 5175

BIDS OPENED: TUESDAY, DECEMBER 15, 1998

(NUMBER OF BIDS RECEIVED - 17)

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BID SUMMARY				ENGINEER'S ESTIMATE		WILLIAM P. YOUNG CONSTRUCTION 426 LINCOLN CENTER DRIVE FOSTER CITY CA 94404 (650) 377-0480		WEST COAST BRIDGE INC 3781 MALLARD DRIVE BENICIA CA 94510 (707) 746-8028	
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	75,000.00	75,000.00	53,600.00	53,600.00	25,000.00	25,000.00
2	1	LS	CONSTRUCTION AREA SIGNS	5,000.00	5,000.00	4,559.00	4,559.00	2,500.00	2,500.00
3	1	LS	TRAFFIC CONTROL	25,000.00	25,000.00	11,000.00	11,000.00	5,000.00	5,000.00
4	8	EA	ACCESS OPENING, SOFFIT	600.00	4,800.00	650.00	5,200.00	500.00	4,000.00
5	1	LS	BRIDGE REMOVAL (PORTION)	300.00	300.00	200.00	200.00	3,000.00	3,000.00
6	70	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	3,500.00	75.00	5,250.00	100.00	7,000.00
7	47	CY	STRUCTURE BACKFILL (BRIDGE)	45.00	2,115.00	258.00	12,126.00	100.00	4,700.00
8	77	CY	STRUCTURE CONCRETE (BRIDGE)	320.00	24,640.00	885.00	68,145.00	750.00	57,750.00
9	8	EA	DIAPHRAGM BOLSTER	1,600.00	12,800.00	570.00	4,560.00	1,800.00	14,400.00
10	760	LF	DRILL AND BOND DOWEL	15.00	11,400.00	24.00	18,240.00	25.00	19,000.00
11	936	LF	CORE AND PRESSURE GROUT DOWEL	38.00	35,568.00	28.00	26,208.00	26.00	24,336.00
12	122	LF	CORE CONCRETE (6")	100.00	12,200.00	64.00	7,808.00	95.00	11,590.00
13	17,791	LB	BAR REINFORCING STEEL (BRIDGE)	0.50	8,895.50	1.25	22,238.75	1.10	19,570.10
14	824	SF	ASPHALT MEMBRANE WATERPROOFING	4.00	3,296.00	4.00	3,296.00	3.00	2,472.00
15	181,092	LB	COLUMN CASING	2.00	362,184.00	1.40	253,528.80	1.66	300,612.72
16	1,603	LB	MISCELLANEOUS METAL (RESTRAINER-CABLE TYP	3.00	4,809.00	3.50	5,610.50	5.75	9,217.25
17	1	LS	RAILROAD INSPECTION AND FLAGGING SERVICES	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
18	1	LS	ADMINISTRATIVE CHANGE ORDER	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
			TOTAL BID		666,507.50		576,570.05		585,148.07

CITY OF HAYWARD

BRIDGE SEISMIC RETROFIT-WINTON AVENUE OVERHEAD, ORCHARD AVENUE UNDERPASS

PROJECT NO. 5175

BIDS OPENED: TUESDAY, DECEMBER 15, 1998

(NUMBER OF BIDS RECEIVED - 17)

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BID SUMMARY			ENGINEER'S ESTIMATE		AMANA ENGIN. & CONST. INC 930 DWIGHT WAY, #10-A BERKELEY CA 94710 (510) 845-4515		VAHDANI CONSTRUCTION INC 700 7TH STREET SAN FRANCISCO CA 94103 (415) 252-7776		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	75,000.00	75,000.00	40,000.00	40,000.00	81,660.00	81,660.00
2	1	LS	CONSTRUCTION AREA SIGNS	5,000.00	5,000.00	4,000.00	4,000.00	3,818.00	3,818.00
3	1	LS	TRAFFIC CONTROL	25,000.00	25,000.00	15,000.00	15,000.00	120,000.00	120,000.00
4	8	EA	ACCESS OPENING, SOFFIT	600.00	4,800.00	400.00	3,200.00	605.00	4,840.00
5	1	LS	BRIDGE REMOVAL (PORTION)	300.00	300.00	2,500.00	2,500.00	7,200.00	7,200.00
6	70	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	3,500.00	150.00	10,500.00	30.00	2,100.00
7	47	CY	STRUCTURE BACKFILL (BRIDGE)	45.00	2,115.00	125.00	5,875.00	45.13	2,121.11 *
8	77	CY	STRUCTURE CONCRETE (BRIDGE)	320.00	24,640.00	600.00	46,200.00	112.53	8,664.81 *
9	8	EA	DIAPHRAGM BOLSTER	1,600.00	12,800.00	1,800.00	14,400.00	726.00	5,808.00
10	760	LF	DRILL AND BOND DOWEL	15.00	11,400.00	15.00	11,400.00	36.30	27,588.00
11	936	LF	CORE AND PRESSURE GROUT DOWEL	38.00	35,568.00	40.30	37,720.80	18.15	16,988.40 *
12	122	LF	CORE CONCRETE (6")	100.00	12,200.00	100.00	12,200.00	72.60	8,857.20 *
13	17,791	LB	BAR REINFORCING STEEL (BRIDGE)	0.50	8,895.50	0.76	13,521.16	1.99	35,404.09 *
14	824	SF	ASPHALT MEMBRANE WATERPROOFING	4.00	3,296.00	6.00	4,944.00	6.42	5,290.08 *
15	181,092	LB	COLUMN CASING	2.00	362,184.00	1.62	293,369.04	1.08	195,579.36 *
16	1,603	LB	MISCELLANEOUS METAL (RESTRAINER-CABLE TYP	3.00	4,809.00	4.00	6,412.00	3.63	5,818.89 *
17	1	LS	RAILROAD INSPECTION AND FLAGGING SERVICES	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
18	1	LS	ADMINISTRATIVE CHANGE ORDER	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
			TOTAL BID		666,507.50		596,242.00		606,737.94 *

* TOTAL DIFFERENT FROM SUBMITTED BID

CITY OF HAYWARD

BRIDGE SEISMIC RETROFIT-WINTON AVENUE OVERHEAD, ORCHARD AVENUE UNDERPASS

PROJECT NO. 5175

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BID SUMMARY			ENGINEER'S ESTIMATE		JOHN CLAY GENERAL ENGINEERING 778 MARIN AVENUE HAYWARD CA 94541 (510) 783-5820		SHIMMICK CONSTRUCTION CO. INC. 24200 CLAWITER ROAD HAYWARD CA 94545 (510) 293-1100		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	75,000.00	75,000.00	18,300.00	18,300.00	62,000.00	62,000.00
2	1	LS	CONSTRUCTION AREA SIGNS	5,000.00	5,000.00	2,800.00	2,800.00	5,000.00	5,000.00
3	1	LS	TRAFFIC CONTROL	25,000.00	25,000.00	28,000.00	28,000.00	40,000.00	40,000.00
4	8	EA	ACCESS OPENING, SOFFIT	600.00	4,800.00	1,325.00	10,600.00	1,000.00	8,000.00
5	1	LS	BRIDGE REMOVAL (PORTION)	300.00	300.00	2,800.00	2,800.00	10,000.00	10,000.00
6	70	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	3,500.00	226.00	15,820.00	70.00	4,900.00
7	47	CY	STRUCTURE BACKFILL (BRIDGE)	45.00	2,115.00	324.00	15,228.00	50.00	2,350.00
8	77	CY	STRUCTURE CONCRETE (BRIDGE)	320.00	24,640.00	504.00	38,808.00	625.00	48,125.00
9	8	EA	DIAPHRAGM BOLSTER	1,600.00	12,800.00	1,200.00	9,600.00	1,000.00	8,000.00
10	760	LF	DRILL AND BOND DOWEL	15.00	11,400.00	22.00	16,720.00	15.00	11,400.00
11	936	LF	CORE AND PRESSURE GROUT DOWEL	38.00	35,568.00	35.35	33,087.60 *	25.00	23,400.00
12	122	LF	CORE CONCRETE (6")	100.00	12,200.00	78.00	9,516.00	75.00	9,150.00
13	17,791	LB	BAR REINFORCING STEEL (BRIDGE)	0.50	8,895.50	1.00	17,791.00	1.00	17,791.00
14	824	SF	ASPHALT MEMBRANE WATERPROOFING	4.00	3,296.00	3.80	3,131.20 *	3.00	2,472.00
15	181,092	LB	COLUMN CASING	2.00	362,184.00	1.73	313,289.16 *	1.64	296,990.88
16	1,603	LB	MISCELLANEOUS METAL (RESTRAINER-CABLE TYP	3.00	4,809.00	9.80	15,709.40 *	2.00	3,206.00
17	1	LS	RAILROAD INSPECTION AND FLAGGING SERVICES	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
18	1	LS	ADMINISTRATIVE CHANGE ORDER	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
			TOTAL BID		666,507.50		626,200.36 *		627,784.88

* TOTAL DIFFERENT FROM SUBMITTED BID

CITY OF HAYWARD

BRIDGE SEISMIC RETROFIT-WINTON AVENUE OVERHEAD, ORCHARD AVENUE UNDERPASS

PROJECT NO. 5175

BIDS OPENED: TUESDAY, DECEMBER 15, 1998

(NUMBER OF BIDS RECEIVED - 17)

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BID SUMMARY				ENGINEER'S ESTIMATE		LIONSGATE CORPORATION PO BOX 408 ALAMO CA 94507 (925) 831-8500		SERRANO & CONE INC 2092 OMEGA ROAD SAN RAMON CA 94583 (925) 838-5685	
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	75,000.00	75,000.00	40,000.00	40,000.00	60,000.00	60,000.00
2	1	LS	CONSTRUCTION AREA SIGNS	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
3	1	LS	TRAFFIC CONTROL	25,000.00	25,000.00	10,000.00	10,000.00	25,000.00	25,000.00
4	8	EA	ACCESS OPENING, SOFFIT	600.00	4,800.00	2,500.00	20,000.00	750.00	6,000.00
5	1	LS	BRIDGE REMOVAL (PORTION)	300.00	300.00	5,000.00	5,000.00	1,000.00	1,000.00
6	70	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	3,500.00	100.00	7,000.00	100.00	7,000.00
7	47	CY	STRUCTURE BACKFILL (BRIDGE)	45.00	2,115.00	200.00	9,400.00	100.00	4,700.00
8	77	CY	STRUCTURE CONCRETE (BRIDGE)	320.00	24,640.00	1,000.00	77,000.00	600.00	46,200.00
9	8	EA	DIAPHRAGM BOLSTER	1,600.00	12,800.00	4,000.00	32,000.00	1,200.00	9,600.00
10	760	LF	DRILL AND BOND DOWEL	15.00	11,400.00	20.00	15,200.00	30.00	22,800.00
11	936	LF	CORE AND PRESSURE GROUT DOWEL	38.00	35,568.00	25.00	23,400.00	50.00	46,800.00
12	122	LF	CORE CONCRETE (6")	100.00	12,200.00	60.00	7,320.00	50.00	6,100.00
13	17,791	LB	BAR REINFORCING STEEL (BRIDGE)	0.50	8,895.50	1.00	17,791.00	1.50	26,686.50
14	824	SF	ASPHALT MEMBRANE WATERPROOFING	4.00	3,296.00	5.00	4,120.00	3.00	2,472.00
15	181,092	LB	COLUMN CASING	2.00	362,184.00	1.50	271,638.00	1.52	275,259.84
16	1,603	LB	MISCELLANEOUS METAL (RESTRAINER-CABLE TYP	3.00	4,809.00	5.00	8,015.00	8.00	12,824.00
17	1	LS	RAILROAD INSPECTION AND FLAGGING SERVICES	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
18	1	LS	ADMINISTRATIVE CHANGE ORDER	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
			TOTAL BID		666,507.50		627,884.00		632,442.34

CITY OF HAYWARD

BRIDGE SEISMIC RETROFIT-WINTON AVENUE OVERHEAD, ORCHARD AVENUE UNDERPASS

PROJECT NO. 5175

BIDS OPENED: TUESDAY, DECEMBER 15, 1998

(NUMBER OF BIDS RECEIVED - 17)

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BID SUMMARY			ENGINEER'S ESTIMATE		BENCO CONTRACTING & ENGIN. 9888 KENT STREET ELK GROVE CA 95624 (916) 686-5030		VIKING CONSTRUCTION CO 11050 D FOLSOM BOULEVARD RANCHO CORDOVA CA 95670 (916) 852-5530		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	75,000.00	75,000.00	60,000.00	60,000.00	60,000.00	60,000.00
2	1	LS	CONSTRUCTION AREA SIGNS	5,000.00	5,000.00	3,000.00	3,000.00	5,000.00	5,000.00
3	1	LS	TRAFFIC CONTROL	25,000.00	25,000.00	30,000.00	30,000.00	25,000.00	25,000.00
4	8	EA	ACCESS OPENING, SOFFIT	600.00	4,800.00	1,500.00	12,000.00	800.00	6,400.00
5	1	LS	BRIDGE REMOVAL (PORTION)	300.00	300.00	1,000.00	1,000.00	1,000.00	1,000.00
6	70	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	3,500.00	100.00	7,000.00	250.00	17,500.00
7	47	CY	STRUCTURE BACKFILL (BRIDGE)	45.00	2,115.00	200.00	9,400.00	250.00	11,750.00
8	77	CY	STRUCTURE CONCRETE (BRIDGE)	320.00	24,640.00	600.00	46,200.00	600.00	46,200.00
9	8	EA	DIAPHRAGM BOLSTER	1,600.00	12,800.00	2,000.00	16,000.00	1,500.00	12,000.00
10	760	LF	DRILL AND BOND DOWEL	15.00	11,400.00	20.00	15,200.00	20.00	15,200.00
11	936	LF	CORE AND PRESSURE GROUT DOWEL	38.00	35,568.00	30.00	28,080.00	20.00	18,720.00
12	122	LF	CORE CONCRETE (6")	100.00	12,200.00	120.00	14,640.00	50.00	6,100.00
13	17,791	LB	BAR REINFORCING STEEL (BRIDGE)	0.50	8,895.50	1.00	17,791.00	1.00	17,791.00
14	824	SF	ASPHALT MEMBRANE WATERPROOFING	4.00	3,296.00	4.00	3,296.00	5.00	4,120.00
15	181,092	LB	COLUMN CASING	2.00	362,184.00	1.60	289,747.20	1.72	311,478.24 *
16	1,603	LB	MISCELLANEOUS METAL (RESTRAINER-CABLE TYP	3.00	4,809.00	6.00	9,618.00	4.00	6,412.00
17	1	LS	RAILROAD INSPECTION AND FLAGGING SERVICES	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
18	1	LS	ADMINISTRATIVE CHANGE ORDER	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
			TOTAL BID		666,507.50		637,972.20		639,671.24 *

* TOTAL DIFFERENT FROM SUBMITTED BID

CITY OF HAYWARD

BRIDGE SEISMIC RETROFIT-WINTON AVENUE OVERHEAD, ORCHARD AVENUE UNDERPASS

PROJECT NO. 5175

BIDS OPENED: TUESDAY, DECEMBER 15, 1998

(NUMBER OF BIDS RECEIVED - 17)

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BID SUMMARY			ENGINEER'S ESTIMATE		GRIGGS CORPORATION PO BOX 627 CARMICHAEL CA 95609 (916) 489-2254		CA ENG. CONTR. & AS TADROS 1110 TERRA BELLA AVENUE MOUNTAIN VIEW CA 94043 (650) 965-8600		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	75,000.00	75,000.00	65,001.00	65,001.00	65,000.00	65,000.00
2	1	LS	CONSTRUCTION AREA SIGNS	5,000.00	5,000.00	3,500.00	3,500.00	5,000.00	5,000.00
3	1	LS	TRAFFIC CONTROL	25,000.00	25,000.00	39,565.00	39,565.00	15,000.00	15,000.00
4	8	EA	ACCESS OPENING, SOFFIT	600.00	4,800.00	600.00	4,800.00	1,500.00	12,000.00
5	1	LS	BRIDGE REMOVAL (PORTION)	300.00	300.00	2,000.00	2,000.00	5,000.00	5,000.00
6	70	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	3,500.00	300.00	21,000.00	500.00	35,000.00
7	47	CY	STRUCTURE BACKFILL (BRIDGE)	45.00	2,115.00	500.00	23,500.00	50.00	2,350.00
8	77	CY	STRUCTURE CONCRETE (BRIDGE)	320.00	24,640.00	1,000.00	77,000.00	770.00	59,290.00
9	8	EA	DIAPHRAGM BOLSTER	1,600.00	12,800.00	2,000.00	16,000.00	2,000.00	16,000.00
10	760	LF	DRILL AND BOND DOWEL	15.00	11,400.00	20.00	15,200.00	18.00	13,680.00
11	936	LF	CORE AND PRESSURE GROUT DOWEL	38.00	35,568.00	28.00	26,208.00	35.00	32,760.00
12	122	LF	CORE CONCRETE (6")	100.00	12,200.00	85.00	10,370.00	75.00	9,150.00
13	17,791	LB	BAR REINFORCING STEEL (BRIDGE)	0.50	8,895.50	0.75	13,343.25	1.15	20,459.65 *
14	824	SF	ASPHALT MEMBRANE WATERPROOFING	4.00	3,296.00	3.25	2,678.00	4.50	3,708.00
15	181,092	LB	COLUMN CASING	2.00	362,184.00	1.40	253,528.80	1.60	289,747.20 *
16	1,603	LB	MISCELLANEOUS METAL (RESTRAINER-CABLE TYP	3.00	4,809.00	6.00	9,618.00	3.00	4,809.00
17	1	LS	RAILROAD INSPECTION AND FLAGGING SERVICES	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
18	1	LS	ADMINISTRATIVE CHANGE ORDER	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
			TOTAL BID		666,507.50		658,312.05		663,953.85 *

* TOTAL DIFFERENT FROM SUBMITTED BID

CITY OF HAYWARD

BRIDGE SEISMIC RETROFIT-WINTON AVENUE OVERHEAD, ORCHARD AVENUE UNDERPASS

PROJECT NO. 5175

BIDS OPENED: TUESDAY, DECEMBER 15, 1998

(NUMBER OF BIDS RECEIVED - 17)

Page 8 of 8

BID SUMMARY				ENGINEER'S ESTIMATE		VALENTINE CORPORATION PO BOX 9337 SAN RAFAEL CA 94912 (415) 453-3732		FRANCIS CONSTRUCTION IN PO BOX 395 HAYWARD CA 94543 (510) 247-9300		ADAMS & SMITH INC PO BOX 70 OREM UT 84059 (801) 785-6900	
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	75,000.00	75,000.00	52,644.00	52,644.00	68,000.00	68,000.00	65,000.00	65,000.00
2	1	LS	CONSTRUCTION AREA SIGNS	5,000.00	5,000.00	1,745.00	1,745.00	6,500.00	6,500.00	2,400.00	2,400.00
3	1	LS	TRAFFIC CONTROL	25,000.00	25,000.00	36,644.00	36,644.00	20,000.00	20,000.00	16,000.00	16,000.00
4	8	EA	ACCESS OPENING, SOFFIT	600.00	4,800.00	864.39	6,915.12 *	850.00	6,800.00	1,300.00	10,400.00
5	1	LS	BRIDGE REMOVAL (PORTION)	300.00	300.00	3,000.00	3,000.00	1,100.00	1,100.00	19,000.00	19,000.00
6	70	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	3,500.00	198.51	13,895.70 *	140.00	9,800.00	250.00	17,500.00
7	47	CY	STRUCTURE BACKFILL (BRIDGE)	45.00	2,115.00	183.67	8,632.49 *	120.00	5,640.00	1,200.00	56,400.00
8	77	CY	STRUCTURE CONCRETE (BRIDGE)	320.00	24,640.00	1,417.35	109,135.95 *	520.00	40,040.00	800.00	61,600.00
9	8	EA	DIAPHRAGM BOLSTER	1,600.00	12,800.00	2,068.83	16,550.64 *	1,050.00	8,400.00	2,500.00	20,000.00
10	760	LF	DRILL AND BOND DOWEL	15.00	11,400.00	17.84	13,558.40 *	25.00	19,000.00	25.00	19,000.00
11	936	LF	CORE AND PRESSURE GROUT DOWEL	38.00	35,568.00	18.71	17,512.56 *	39.00	36,504.00	30.00	28,080.00
12	122	LF	CORE CONCRETE (6")	100.00	12,200.00	92.43	11,276.46 *	82.00	10,004.00	64.00	7,808.00
13	17,791	LB	BAR REINFORCING STEEL (BRIDGE)	0.50	8,895.50	0.85	15,122.35 *	1.10	19,570.10	1.20	21,349.20 *
14	824	SF	ASPHALT MEMBRANE WATERPROOFING	4.00	3,296.00	3.14	2,587.36 *	3.20	2,636.80	5.50	4,532.00
15	181,092	LB	COLUMN CASING	2.00	362,184.00	1.67	302,423.64 *	2.00	362,184.00	1.71	309,667.32 *
16	1,603	LB	MISCELLANEOUS METAL (RESTRAINER-CABLE TYP	3.00	4,809.00	6.68	10,708.04 *	4.90	7,854.70	7.00	11,221.00
17	1	LS	RAILROAD INSPECTION AND FLAGGING SERVICES	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
18	1	LS	ADMINISTRATIVE CHANGE ORDER	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
			TOTAL BID		666,507.50		697,351.71 *		699,033.60		744,957.52 *

* TOTAL DIFFERENT FROM SUBMITTED BID

* TOTAL DIFFERENT FROM SUBMITTED BID

DRAFT

Sm 12-28-98

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

**RESOLUTION APPROVING ADDENDA 1 AND 2 TO THE
PLANS AND SPECIFICATIONS AND AWARDING
CONTRACT TO RGW CONSTRUCTION INC., FOR THE
SEISMIC RETROFIT OF THE WINTON AVENUE
OVERPASS AND THE ORCHARD AVENUE UNDERPASS
PROJECT, PROJECT NO. 5175**

WHEREAS, by resolution on October 20, 1998, the City Council approved the plans and specifications for the Seismic Retrofit of the Winton Avenue Overpass and Orchard Avenue Underpass, Project No. 5175, and called for bids to be received on December 15, 1998; and

WHEREAS, City staff issued Addendum No. 1 revising the bid opening date to December 15, 1998, and Addendum No. 2 which contain minor modifications to the plans and specifications.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addenda 1 and 2, copies of which are on file in the office of the City Clerk, are hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED as follows:

1. RGW Construction, Inc., is hereby awarded the contract for the Seismic Retrofit of the Winton Avenue Overpass and Orchard Avenue Underpass Project, Project No. 5175, in accordance with the plans and specifications adopted therefore. A copy of these plans and specifications is on file in the office of the City Clerk of the City of Hayward. The contract is awarded at and for the price named and stated in the bid of the hereinabove specified bidder.
2. The City Manager is hereby authorized to execute a contract in an amount not to exceed \$568,940.52 for the award of the project to RGW Construction, Inc. on behalf of the City of Hayward, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 1998

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward